



WORLD AIDS DAY 2013

December 1, 2013

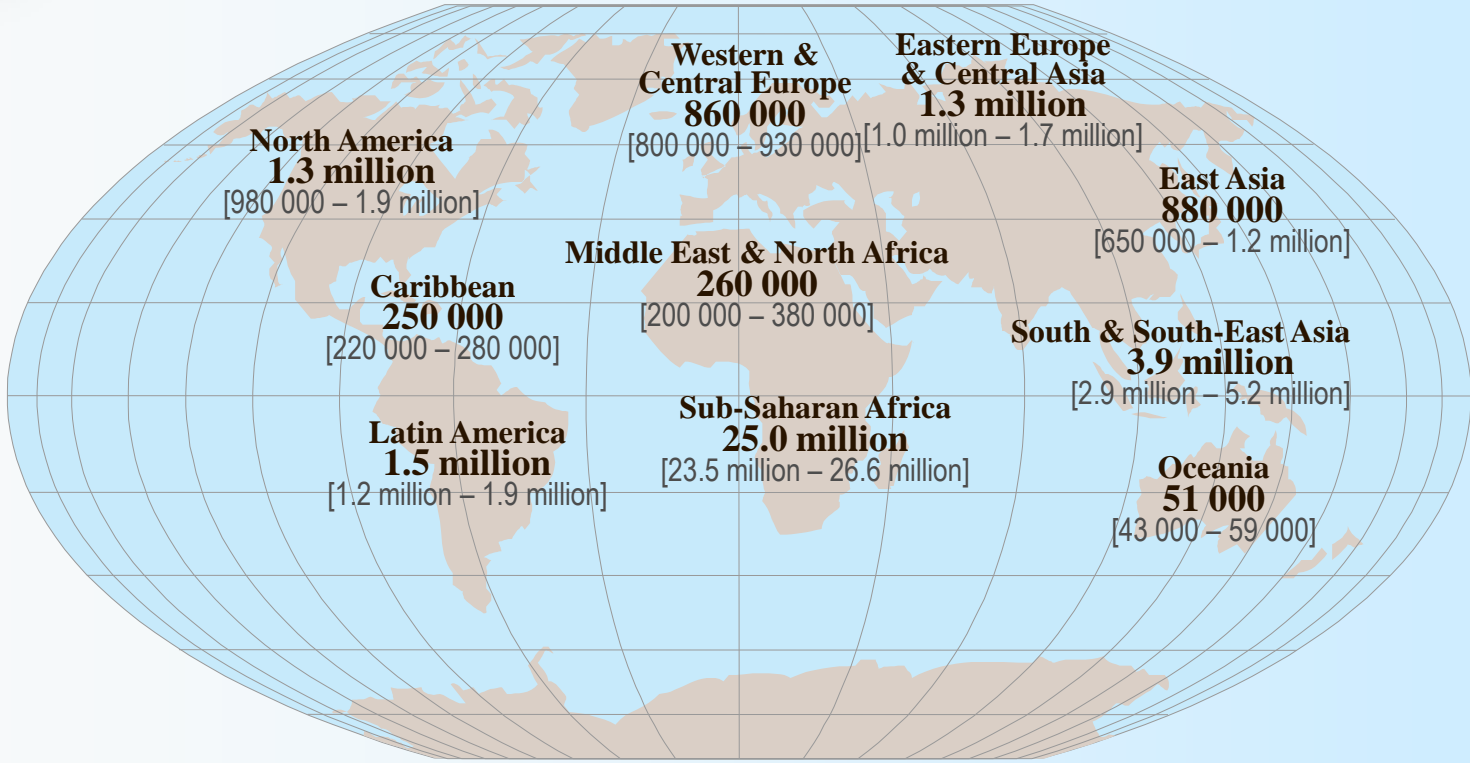
**Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene**



INTERNATIONAL



Adults and children estimated to be living with HIV | 2012



Total: 35.3 million [32.2 million – 38.8 million]

International Numbers



35.3 million people living with HIV in 2012

25.0 million are in sub-Saharan Africa

2.3 million new HIV infections in 2012

1.6 million AIDS deaths in 2012

UNAIDS. Report on the Global AIDS Epidemic. 2013

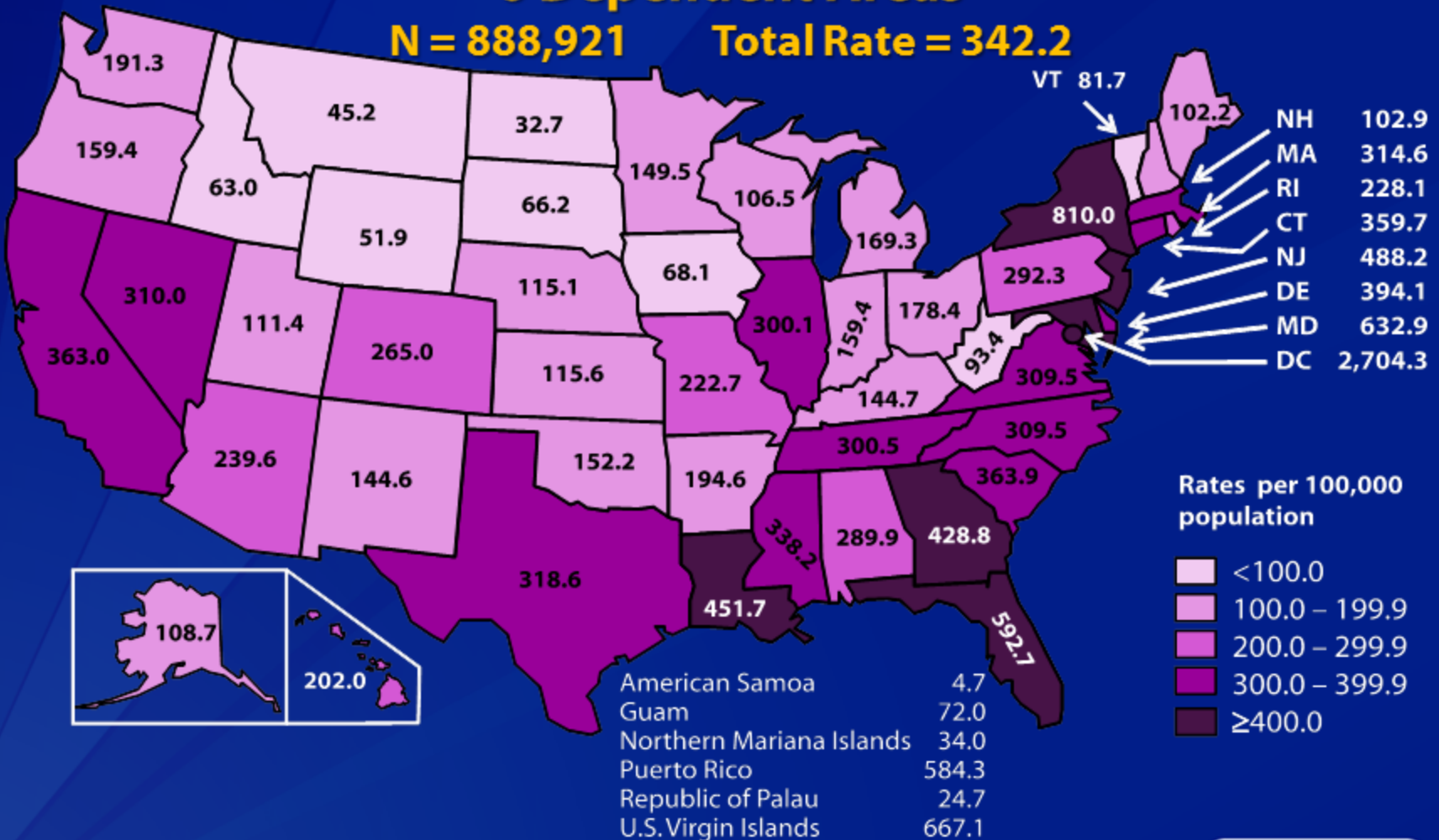


UNITED STATES

Rates of Adults and Adolescents Living with Diagnosed HIV Infection, Year-end 2010—United States and 6 Dependent Areas

N = 888,921

Total Rate = 342.2



Note. Data include persons with a diagnosis of HIV infection regardless of stage of disease at diagnosis. All displayed data have been statistically adjusted to account for reporting delays, but not for incomplete reporting.





National Numbers

1.1 million adults/adolescents living with HIV/AIDS at the end of 2010, **and 16% do not know it**

(CDC. HIV Supplemental Surveillance Report, 2013;18(5))

47,500 new HIV infections in 2010

(CDC. HIV Supplemental Surveillance Report, 2012;17(4))

19,343 estimated AIDS deaths in 2010

(CDC. HIV Surveillance Report, 2011)



Estimated HIV Diagnoses during 2011, Ranked by Rates

<u>STATE/TERRITORY</u>	<u>Cases</u>	<u>Rate per 100,000</u>
1. District of Columbia	962	155.6
2. Virgin Islands	35	33.0
3. Maryland	1,783	30.6
4. Louisiana	1,381	30.2
5. Florida	5,408	28.4
6. Georgia	2,522	25.7
7. New York	4,960	25.5
8. Puerto Rico	888	24.0
9. Mississippi	617	20.7
10. Texas	5,065	19.7
<hr/>		
<i>United States</i>	<i>50,199</i>	<i>15.9</i>

Estimated HIV Diagnoses during 2011, Ranked by Rates



<u>METROPOLITAN AREA</u>	<u>Cases</u>	<u>Rate per 100,000</u>
1. Miami, FL	2,606	46.0
2. New Orleans-Metairie-Kenner, LA	513	43.0
3. Baton Rouge, LA	336	41.6
4. Jackson, MS	200	36.7
5. Washington, DC-VA-MD-WV	1,969	34.5
6. Baltimore-Towson, MD	922	33.8
7. Memphis, TN-MS-AR	433	32.6
8. Atlanta-Sandy Springs-Marietta, GA	1,626	30.3
9. New York, NY-NJ-PA	5,344	28.1
10. Jacksonville, FL	382	28.1
<hr/>		
<i>United States</i>	<i>50,161</i>	<i>15.9</i>

Estimated Adults Living with Diagnosed HIV, year-end 2010, Ranked by Rates



<u>STATE/TERRITORY</u>	<u>Cases</u>	<u>Rate per 100,000</u>
1. District of Columbia	14,359	2,704.3
2. New York	132,523	810.0
3. Virgin Islands	589	667.1
4. Maryland	30,558	632.9
5. Florida	94,897	592.7
6. Puerto Rico	18,129	584.3
7. New Jersey	35,860	488.2
8. Louisiana	16,892	451.7
9. Georgia	33,920	428.8
10. Delaware	2,968	394.1
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<i>United States</i>	888,638	342.2

Estimated Persons Living with Diagnosed HIV, year-end 2010, Ranked by Rates



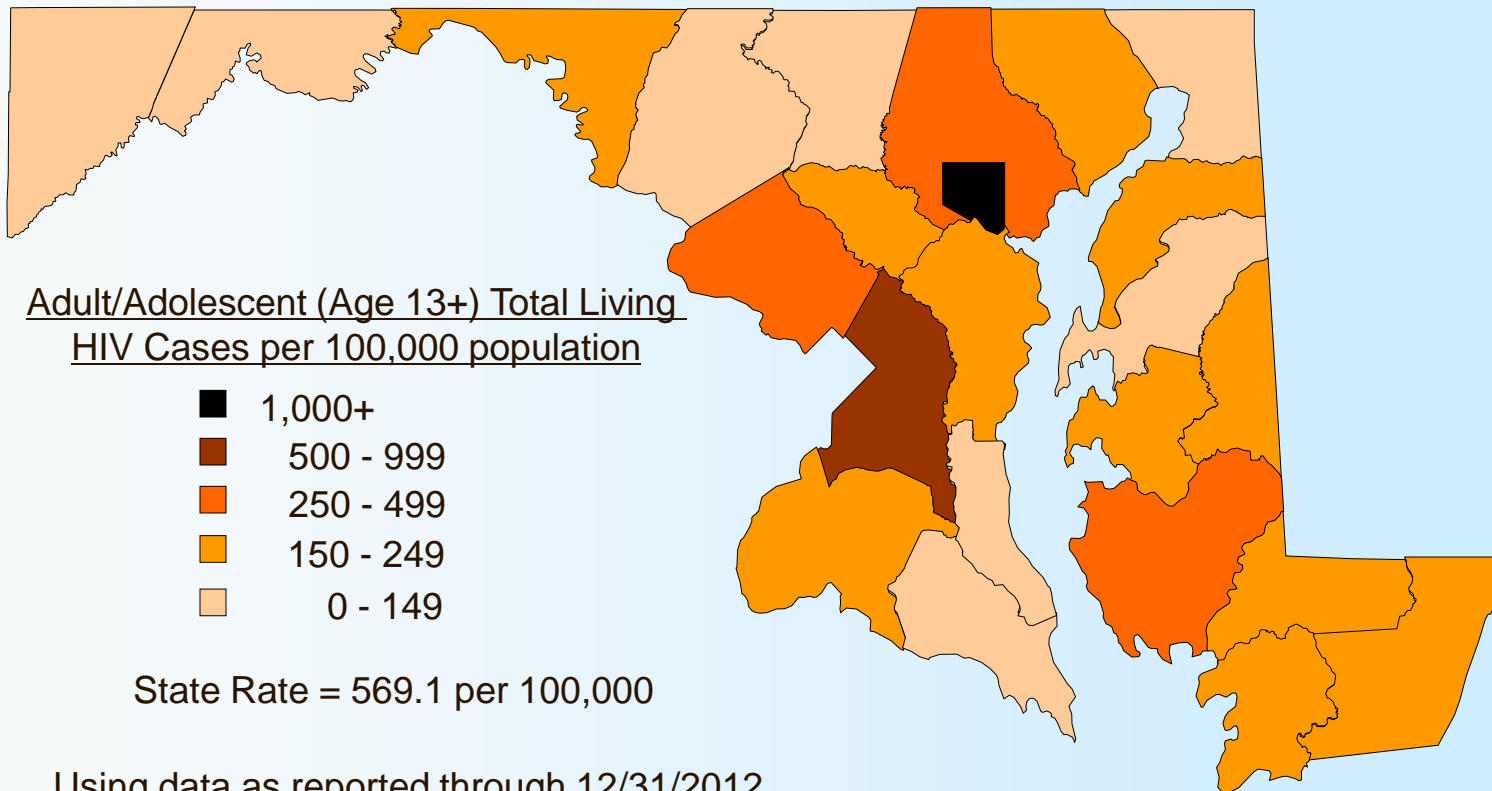
<u>METROPOLITAN AREA</u>	<u>Cases</u>	<u>Rate per 100,000</u>
1. Miami, FL	49,045	879.3
2. New York, NY-NJ-PA	143,393	757.9
3. Baltimore-Towson, MD	18,318	674.8
4. New Orleans-Metairie-Kenner, LA	7,380	620.2
5. Jackson, MS	3,018	558.8
6. San Francisco, CA	23,829	548.6
7. Memphis, TN-MS-AR	7,191	545.6
8. Washington, DC-VA-MD-WV	30,797	549.0
9. San Juan-Caguas-Guaynabo, PR	13,026	525.9
10. Baton Rouge, LA	4,009	498.3
<hr/>		
<i>United States</i>	<i>891,157</i>	<i>284.7</i>



MARYLAND



Maryland Adult/Adolescent Total Living HIV Case Rates by Jurisdiction, Alive on 12/31/11



Using data as reported through 12/31/2012

Maryland Numbers



27,710 adults/adolescents living with
HIV/AIDS as of the end of 2011

1,311 adults/adolescents reported with HIV
diagnoses in 2011

404 AIDS deaths reported during 2011

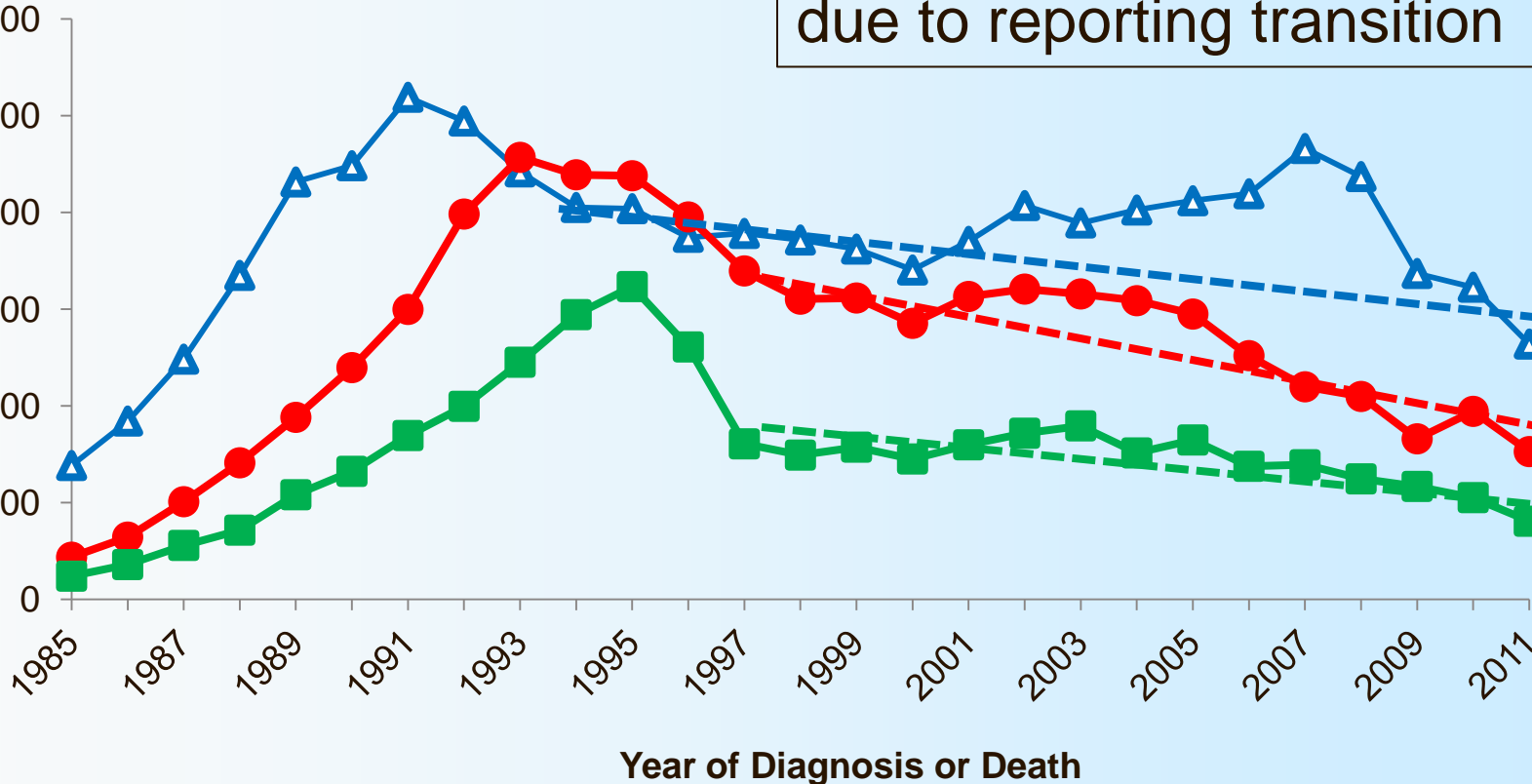
Maryland had the **3rd** highest HIV diagnosis
report rate (30.6 cases per 100,000
population) of any state/territory in 2011

Maryland HIV/AIDS Trends



Number of Events

2001-2008 HIV high,
due to reporting transition



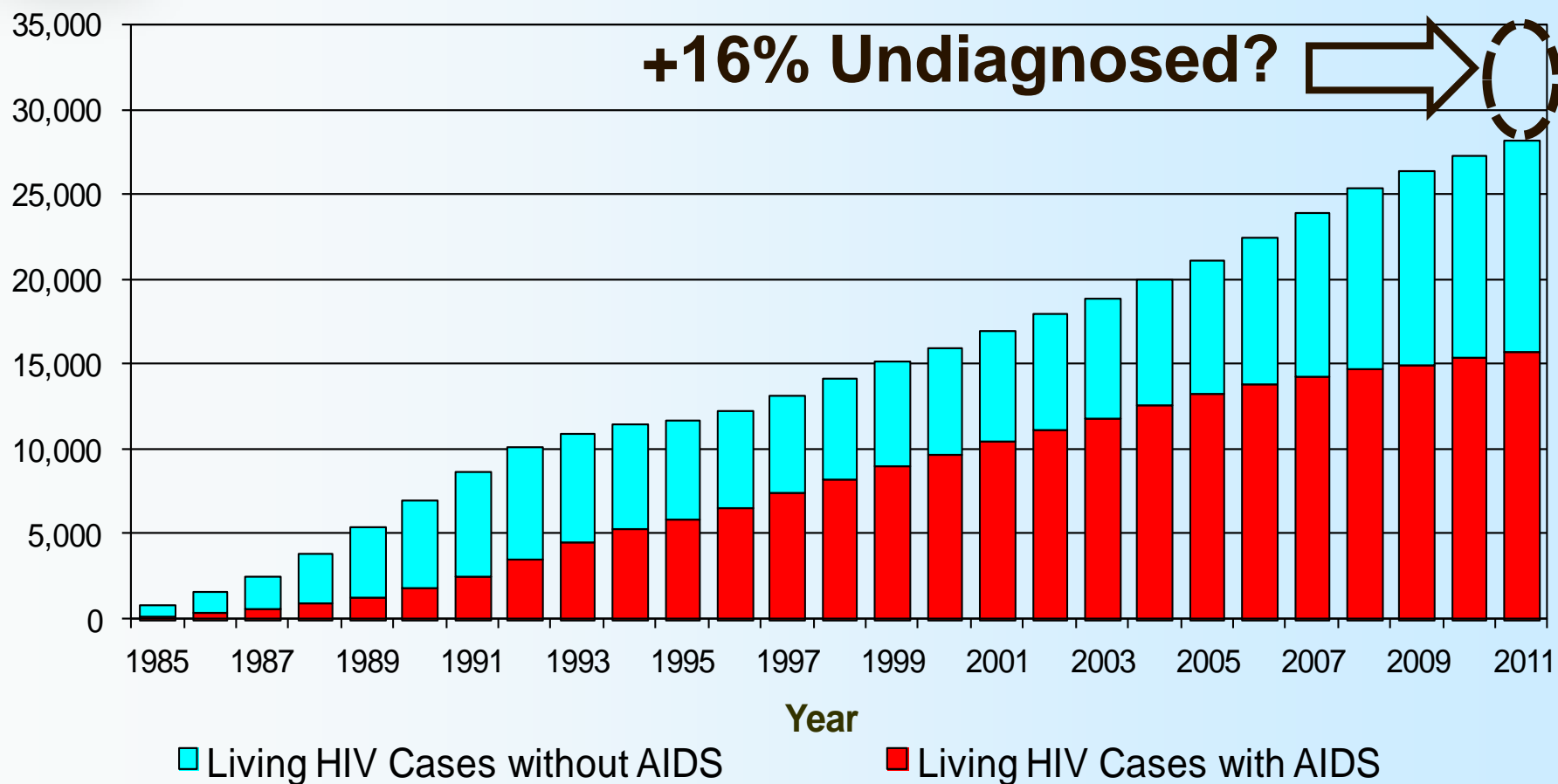
▲ Reported HIV Diagnoses ● Reported AIDS Diagnoses ■ Reported AIDS Deaths

Using data as reported through 12/31/2012

Maryland Living HIV Cases

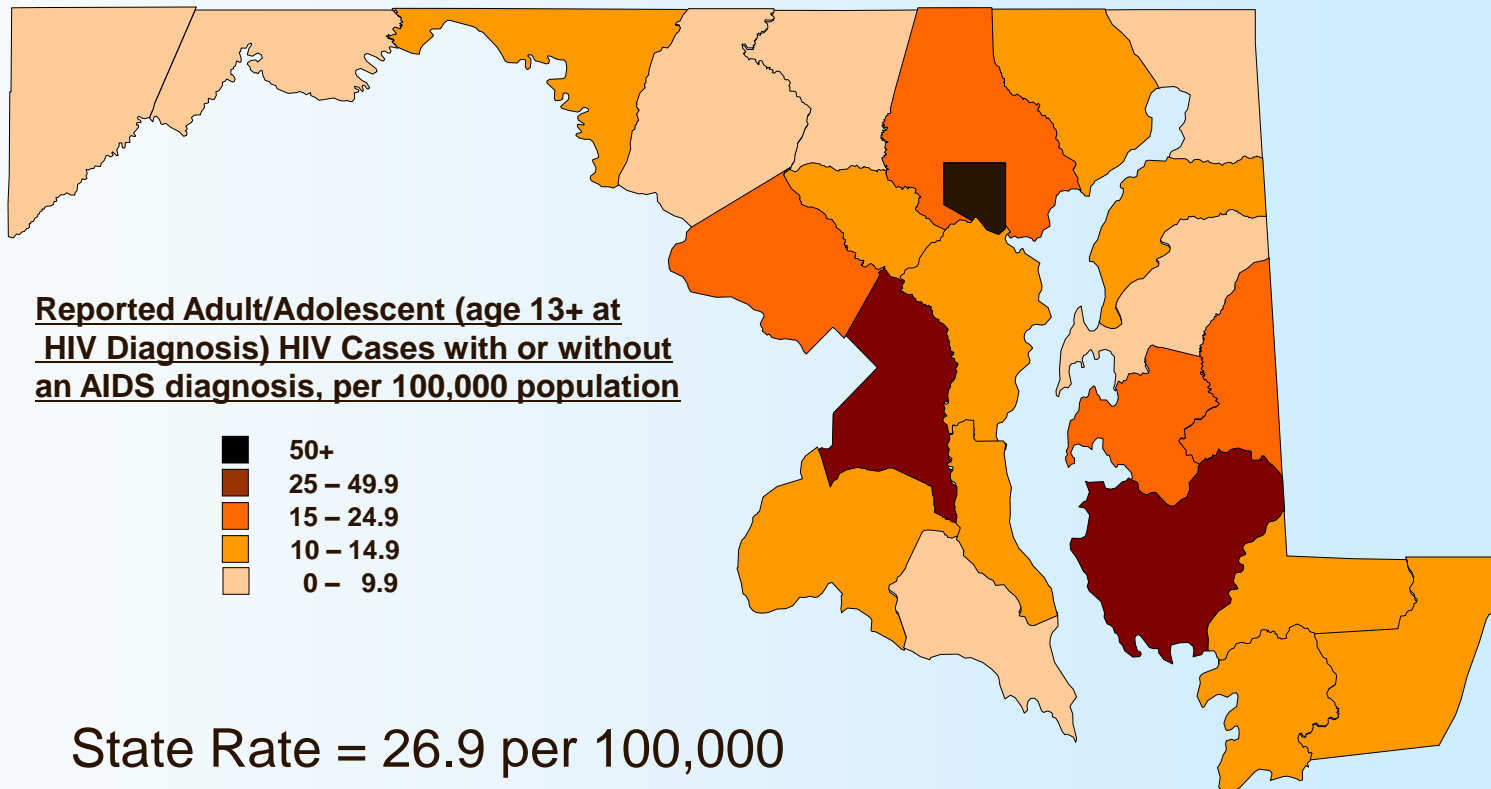


Number of Cases



Using data as reported through 12/31/2012

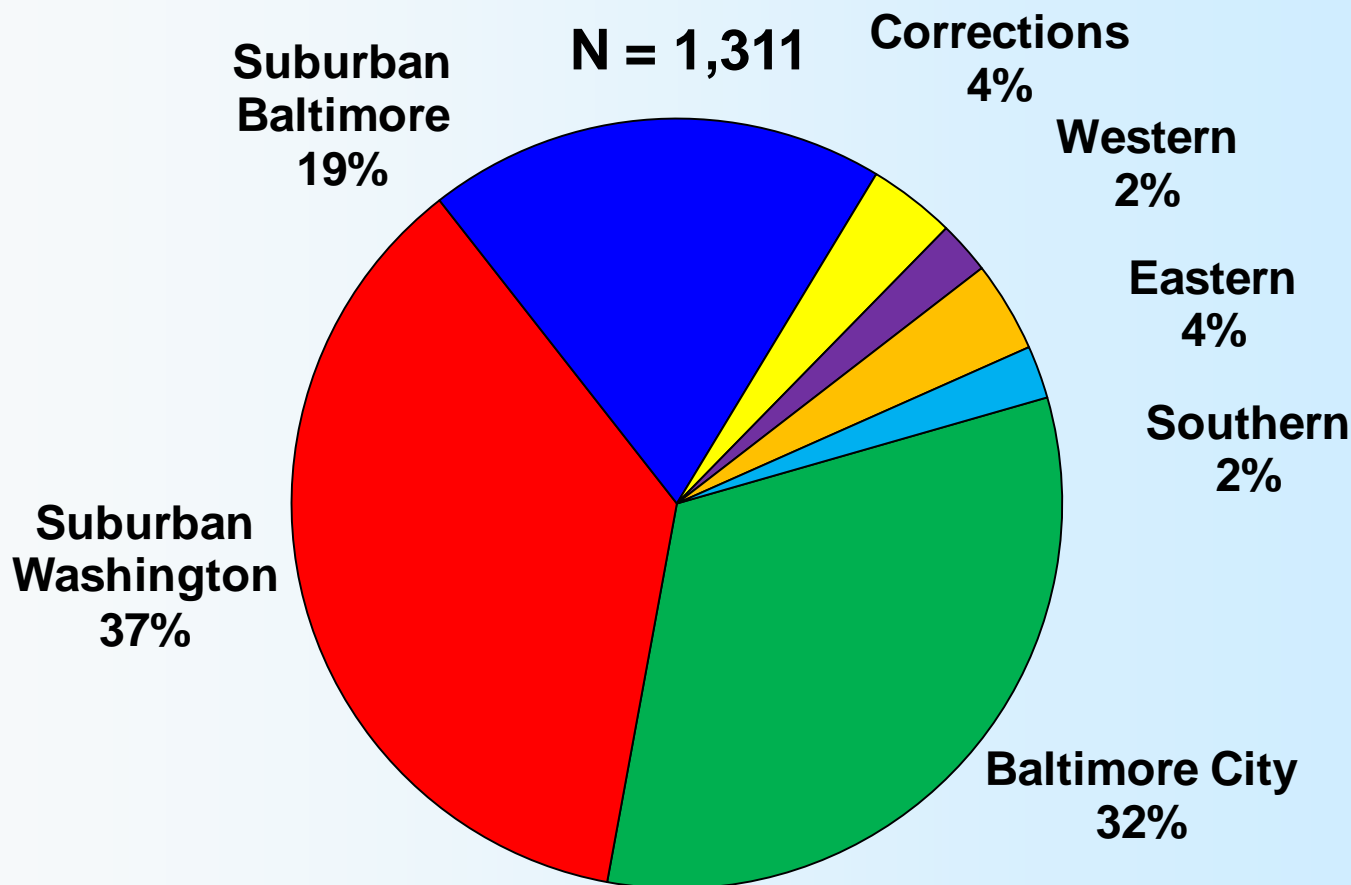
Maryland Reported Adult/ Adolescent HIV Diagnosis Rates by Jurisdiction, 2011



Using data as reported through 12/31/2012

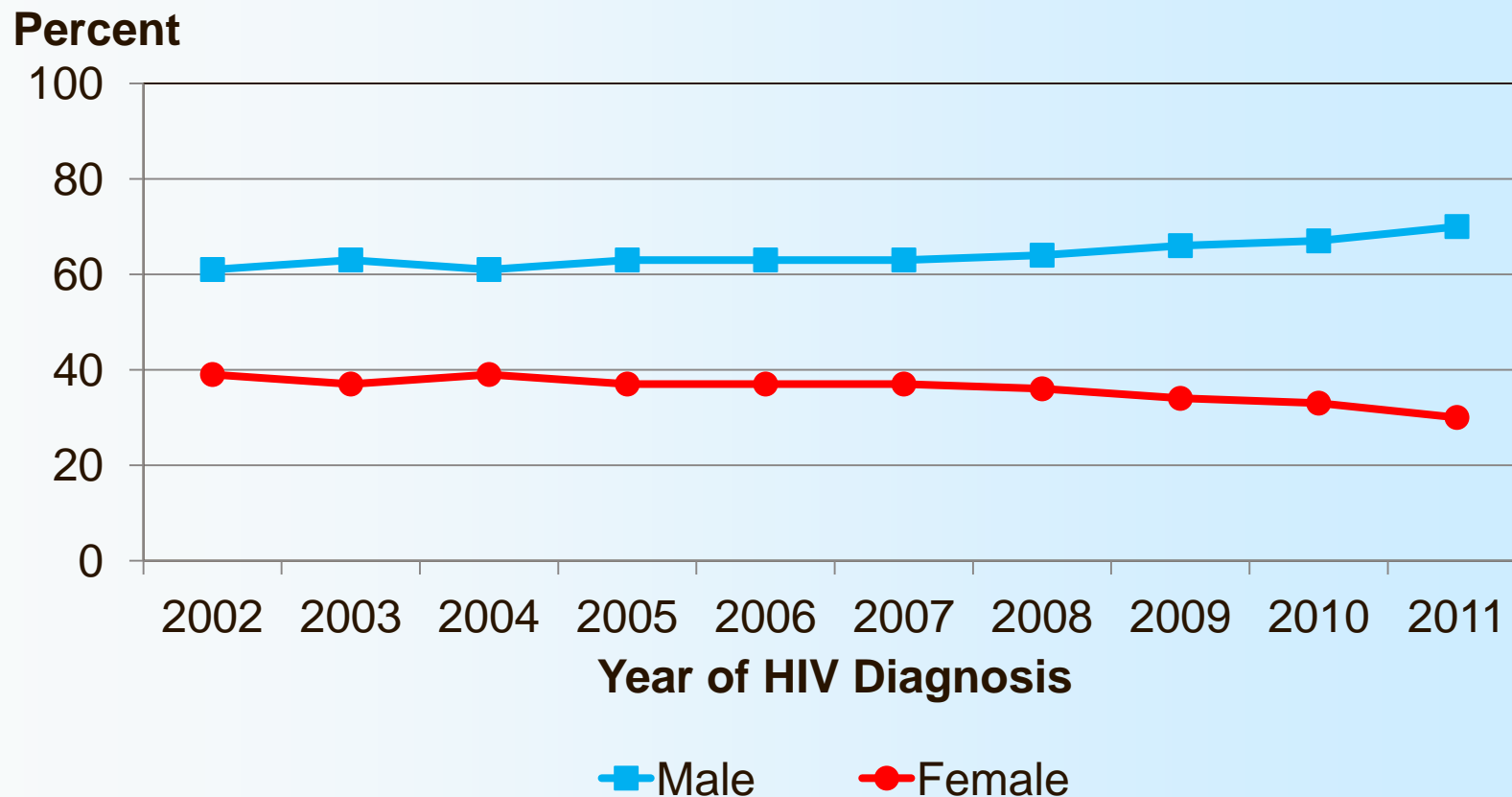


Maryland Reported Adult/Adolescent HIV Diagnoses by Region, 2011



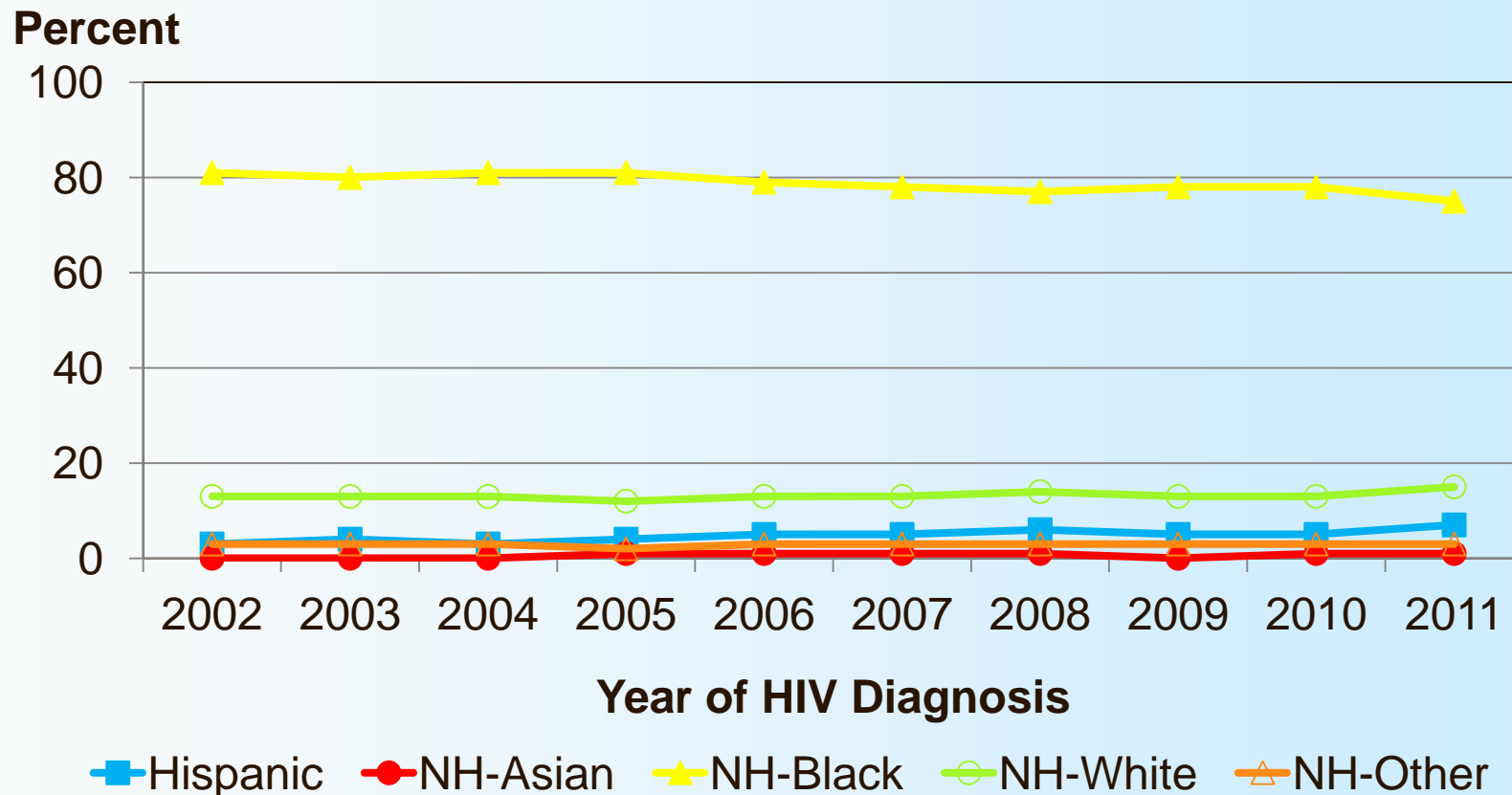
Using data as reported through 12/31/2012

Reported Adult/Adolescent HIV Diagnosis Trends by Sex at Birth, Maryland



Using data as reported through 12/31/2012

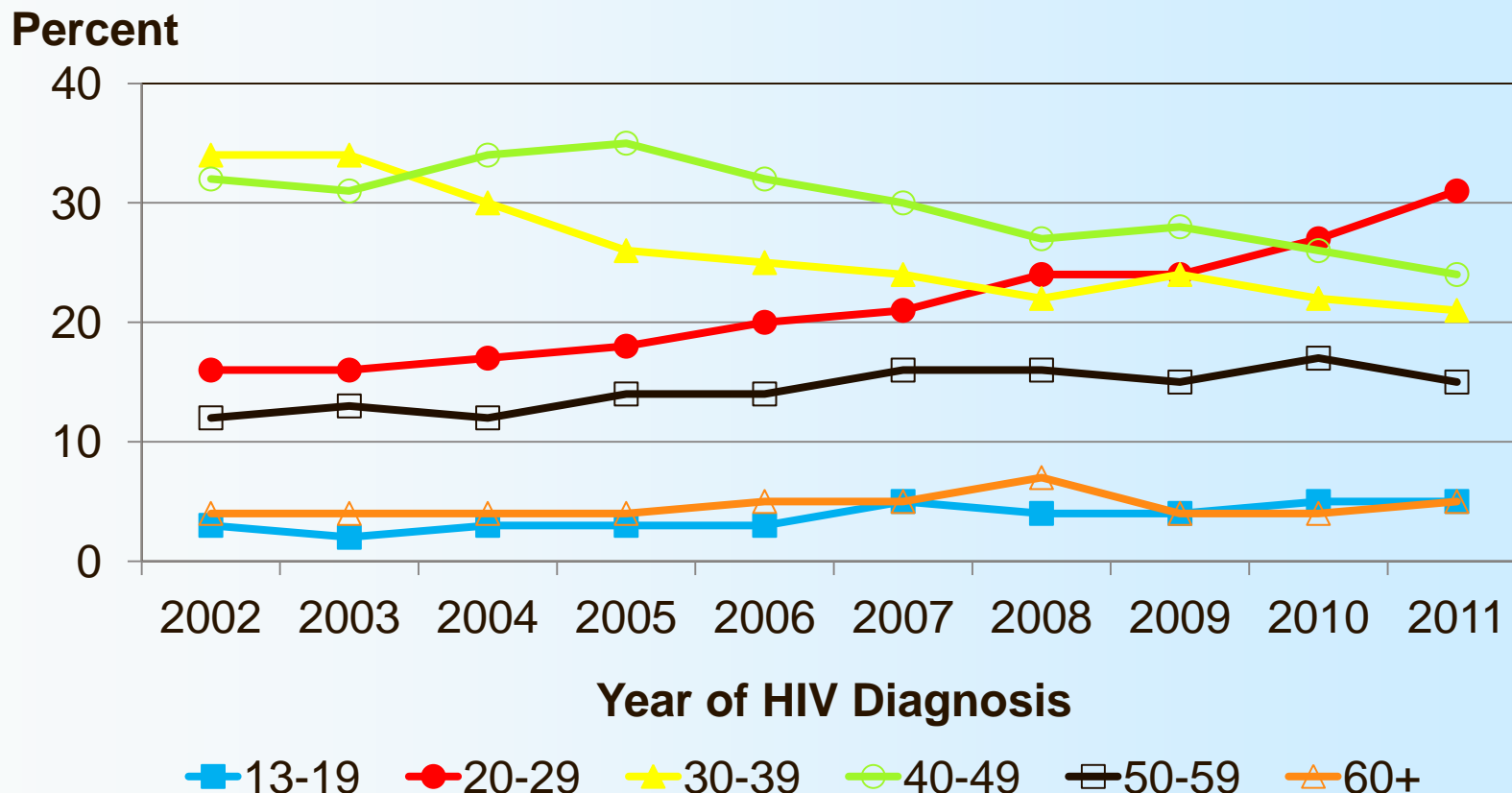
Reported Adult/Adolescent HIV Diagnosis Trends by Race/Ethnicity, Maryland



Using data as reported through 12/31/2012



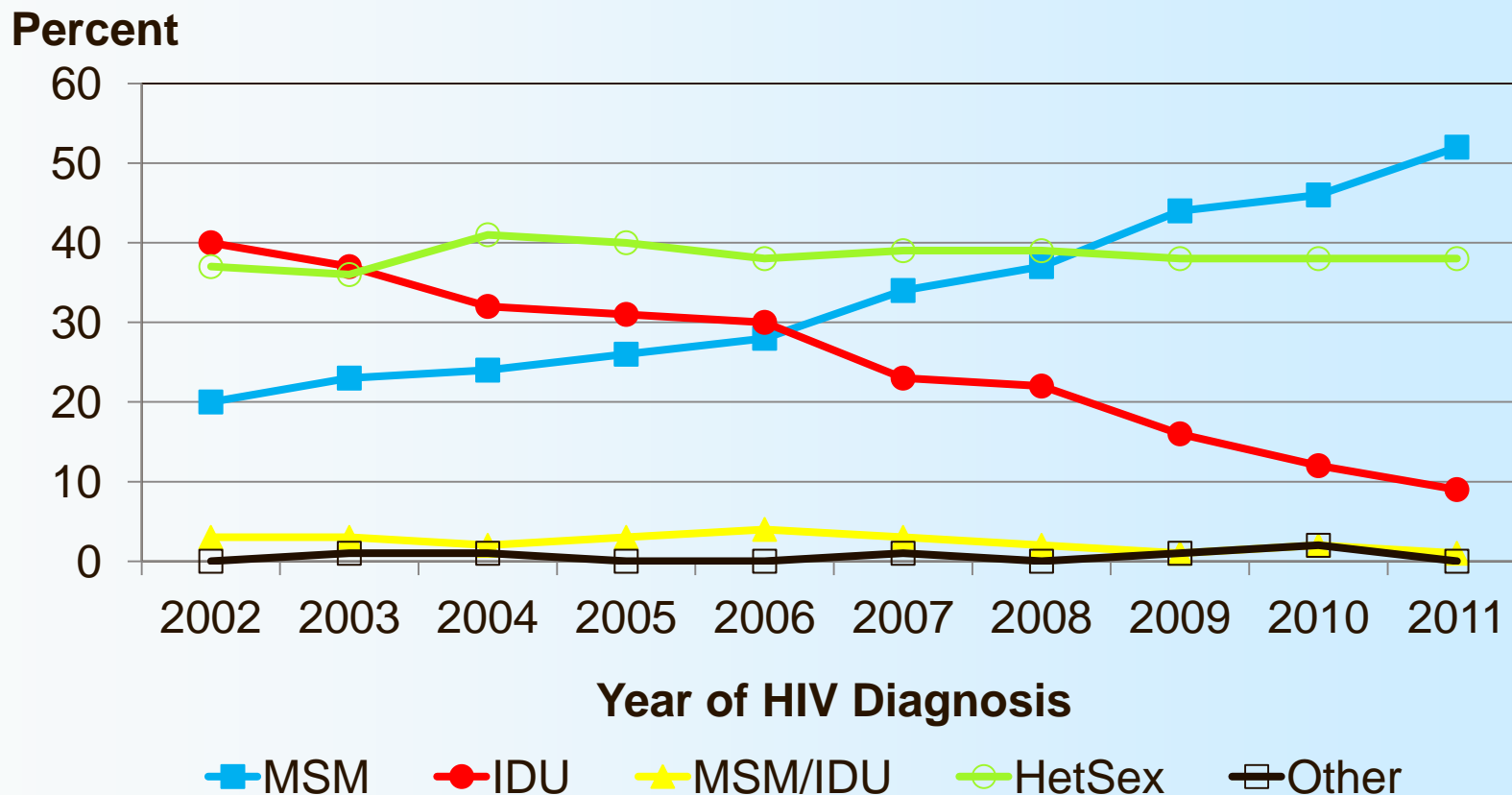
Reported Adult/Adolescent HIV Diagnosis Trends by Age at Diagnosis, Maryland



Using data as reported through 12/31/2012



Reported Adult/Adolescent HIV Diagnosis Trends by Exposure Category, Maryland

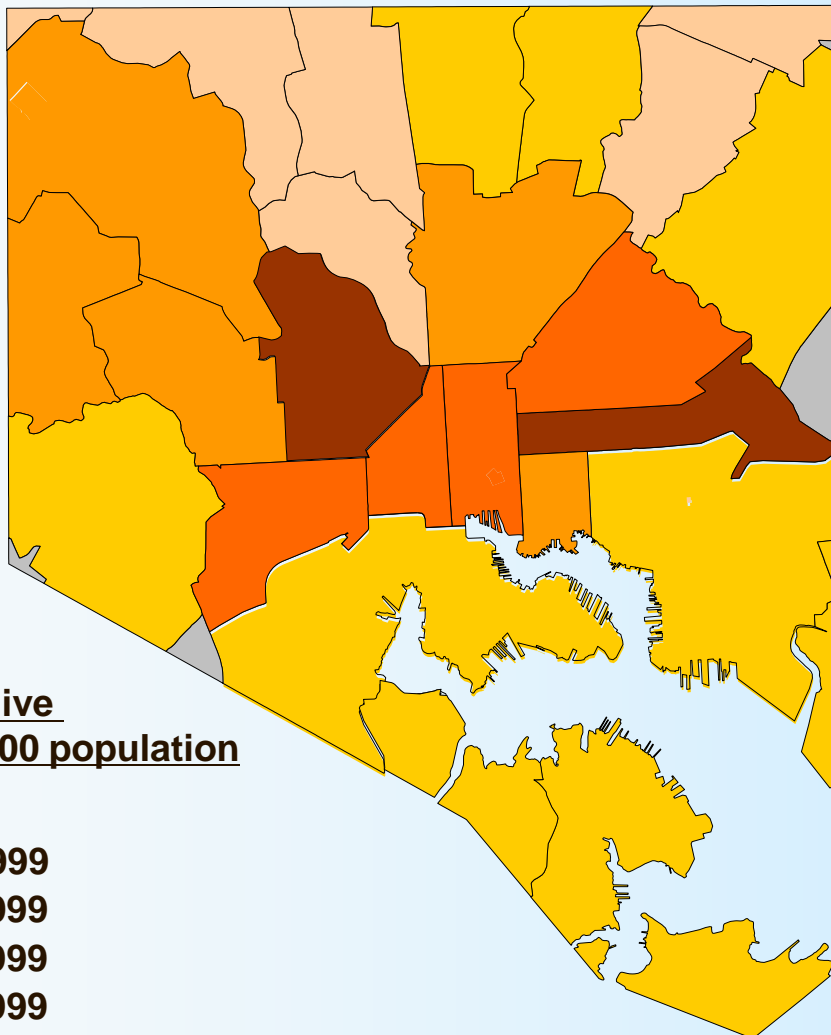


Using data as reported through 12/31/2012



BALTIMORE CITY

Total Living Adult/Adolescent HIV Case Rates Baltimore City, 12/31/2011



Total living HIV cases,
age 13+ at diagnosis, alive
on 12/31/2011 per 100,000 population

- 4,000+
- 3,000 – 3,999
- 2,000 – 2,999
- 1,000 – 1,999
- 0 – 999
- Population <1,000

By ZIP code of
residence at
diagnosis

N = 12,072

City rate = 2,318.1
cases per 100,000

Using data as reported through 12/31/2012

Baltimore City Numbers



12,072 adults/adolescents living with HIV/AIDS at the end of 2011

424 adults/adolescents reported with HIV diagnoses in 2011

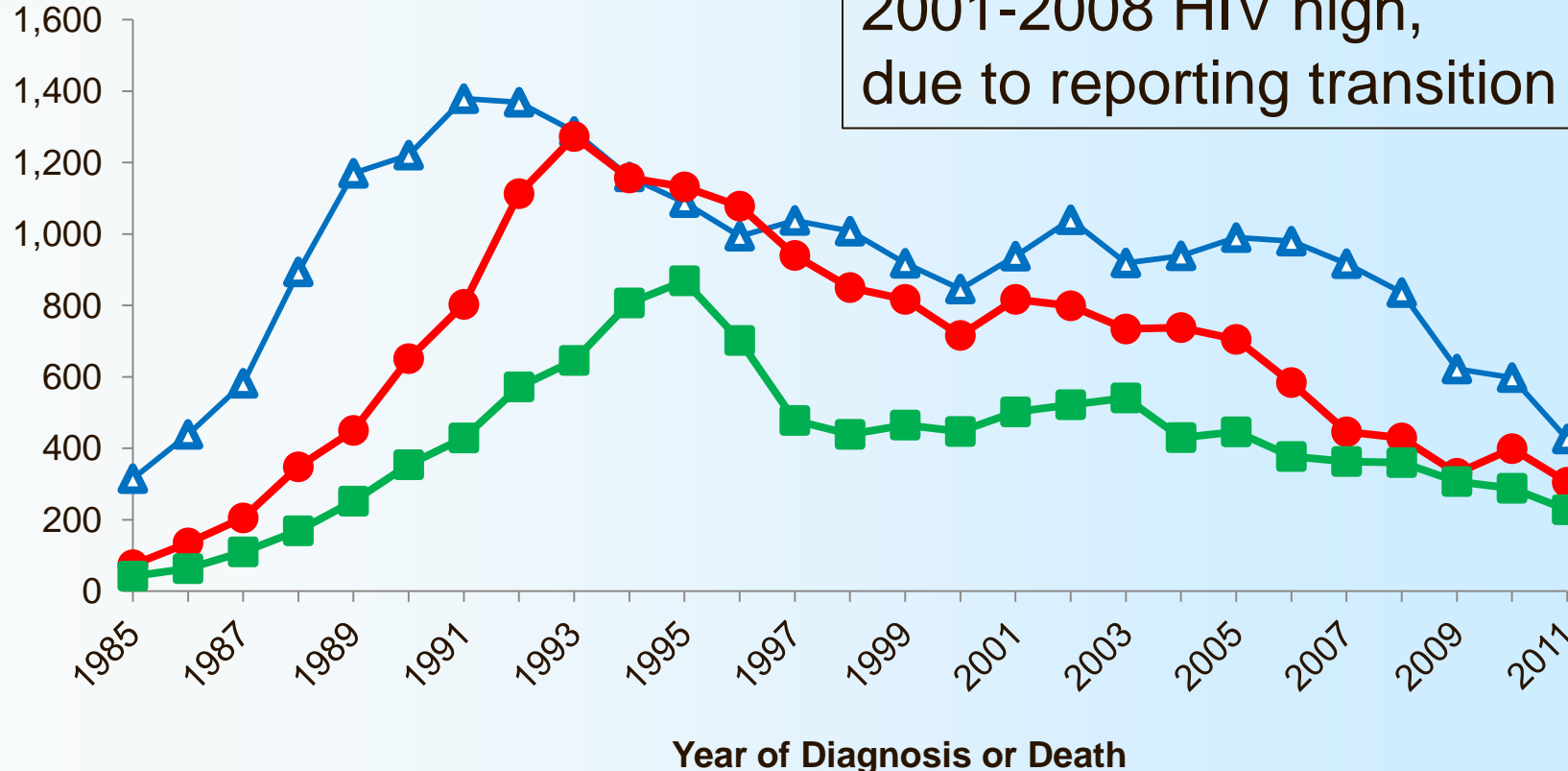
228 AIDS deaths reported during 2011

Baltimore-Towson had the **6th** highest HIV diagnosis report rate of any metropolitan area (33.8 cases per 100,000 population) in the U.S. in 2011

HIV/AIDS Trends Baltimore City



Number of Events



▲ Reported HIV Diagnoses ● Reported AIDS Diagnoses ■ Reported AIDS Deaths

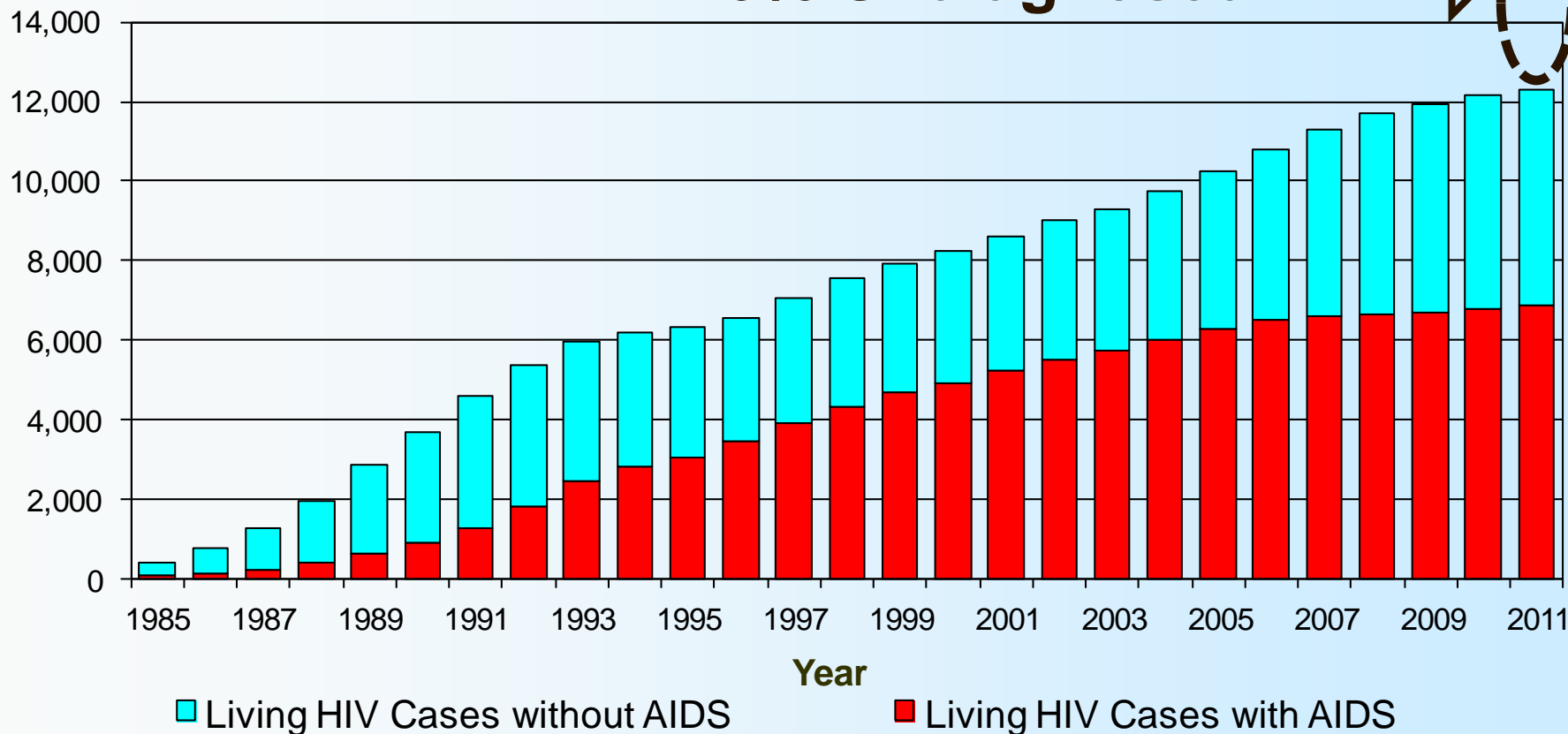
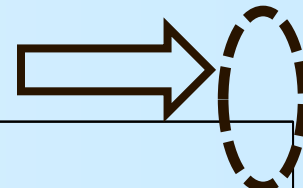
Using data as reported through 12/31/2012

Baltimore City Living HIV Cases



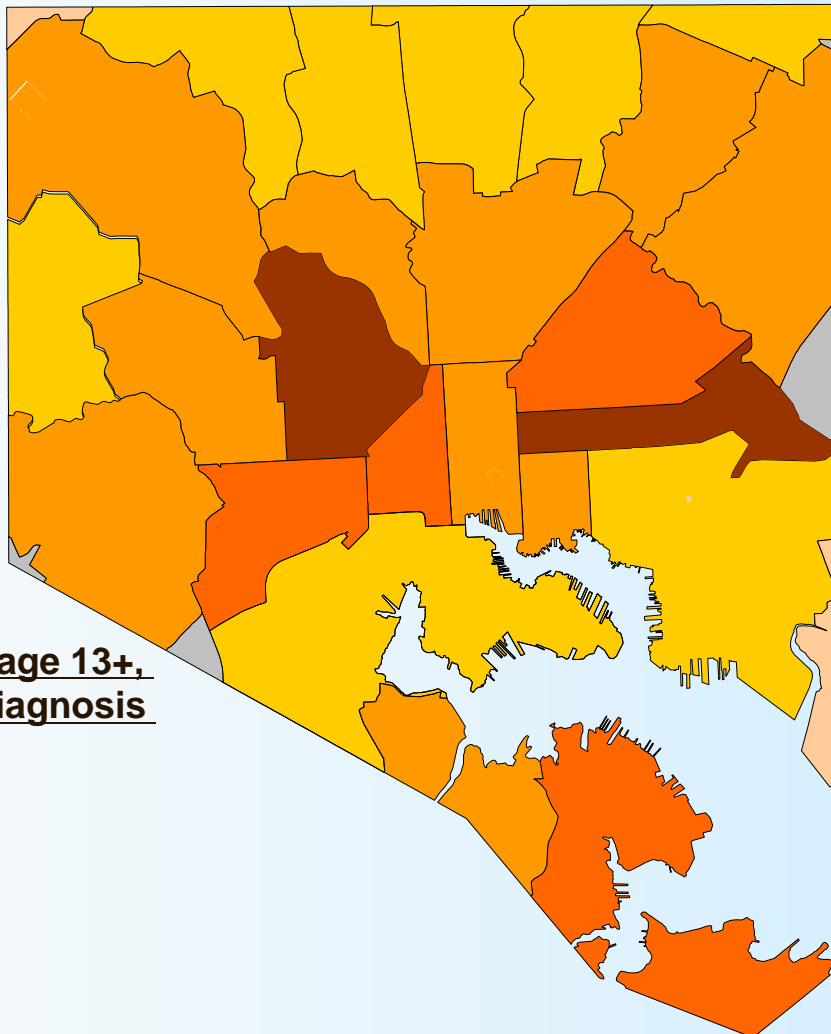
Number of Cases

+16% Undiagnosed?



Using data as reported through 12/31/2012

Reported Adult/Adolescent HIV Diagnosis Rates Baltimore City, 2011



By ZIP code of
residence at
diagnosis

N = 424

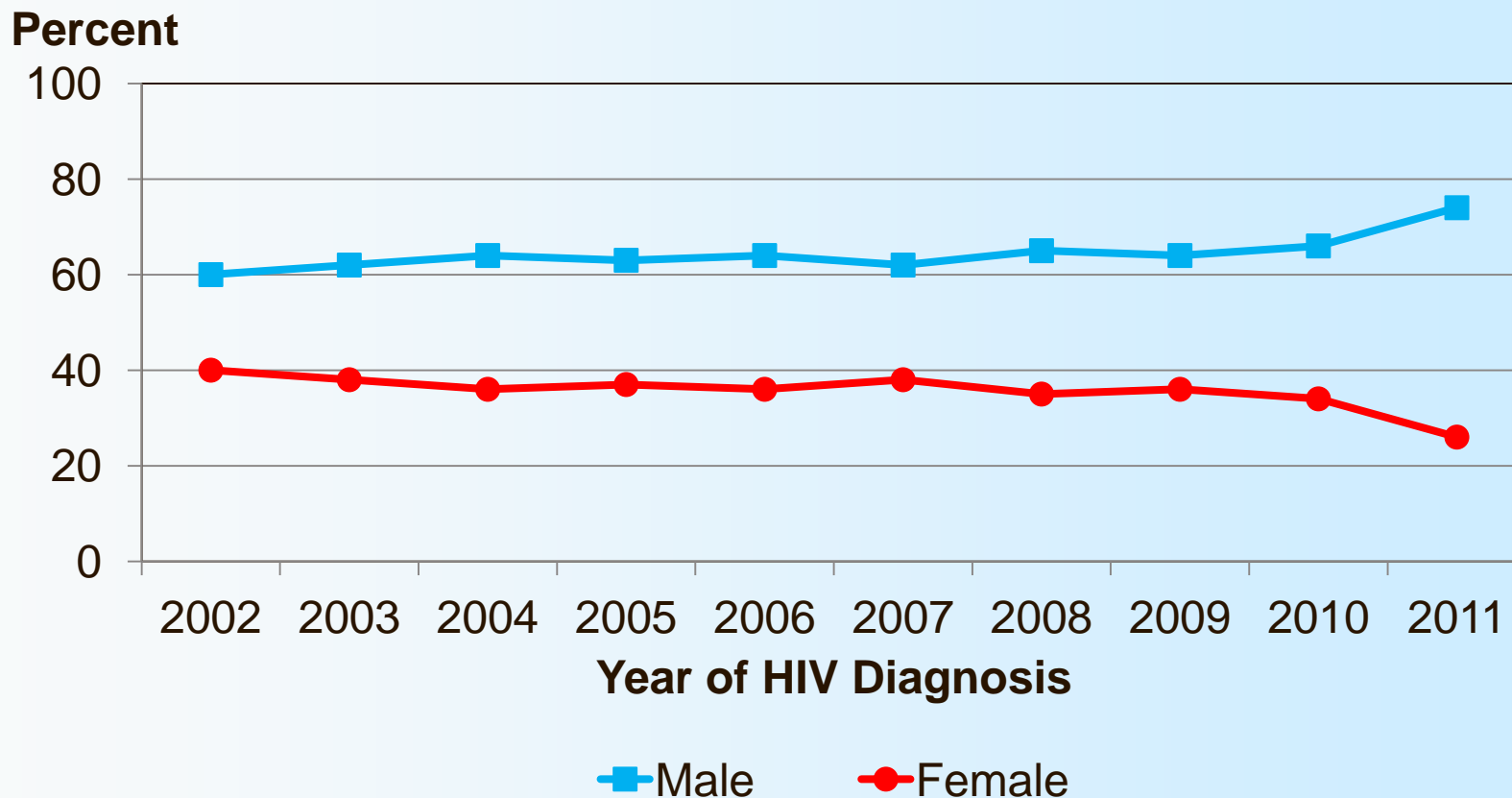
City rate = 81.4
cases per 100,000

Reported HIV diagnoses, age 13+,
with or without an AIDS diagnosis
per 100,000 population

- 150+
- 100 – 149
- 50 – 99
- 1 – 49
- 0
- Population <1,000

Using data as reported through 12/31/2012

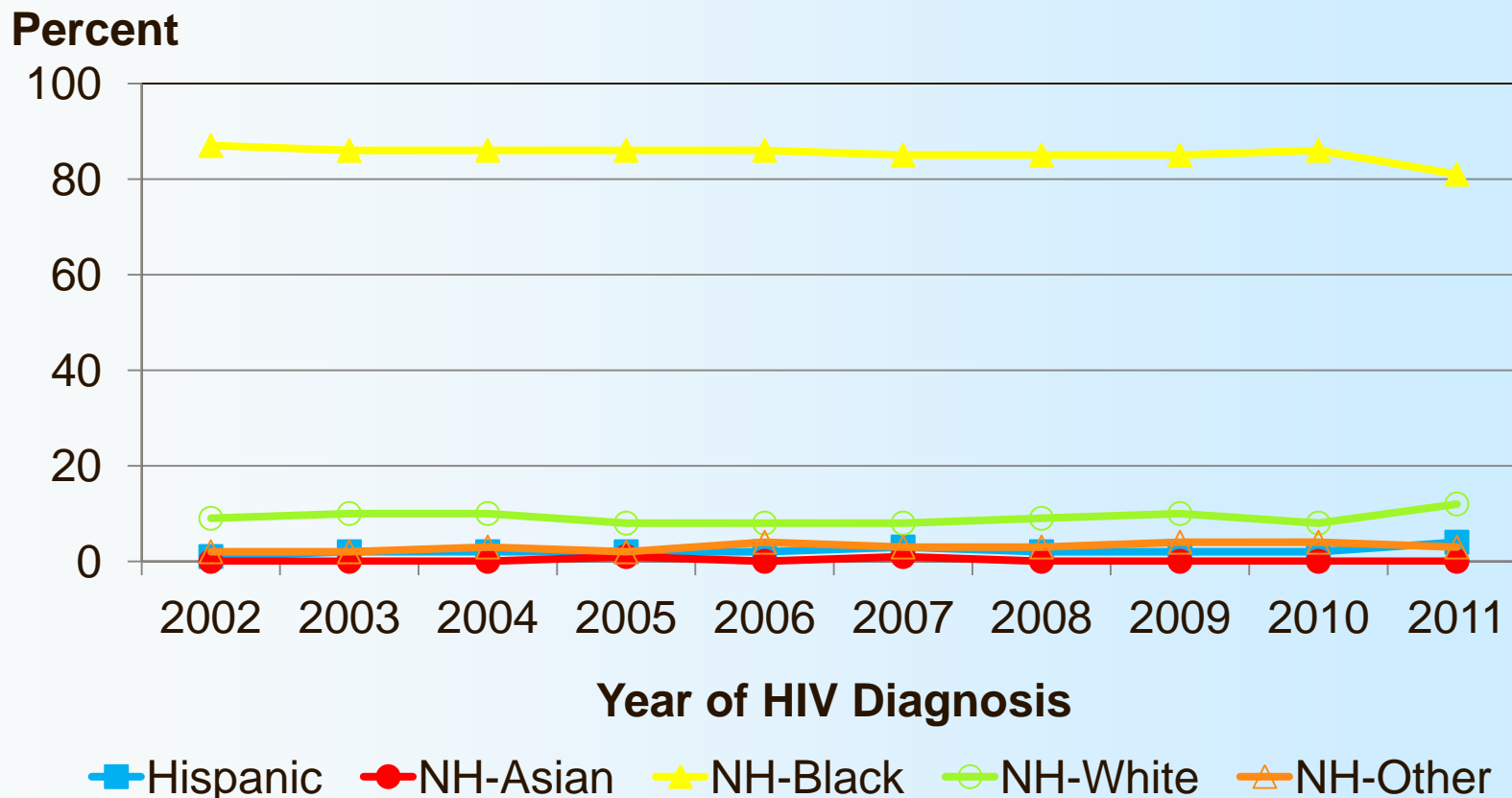
Reported Adult/Adolescent HIV Diagnosis Trends by Sex at Birth, Baltimore City



Using data as reported through 12/31/2012

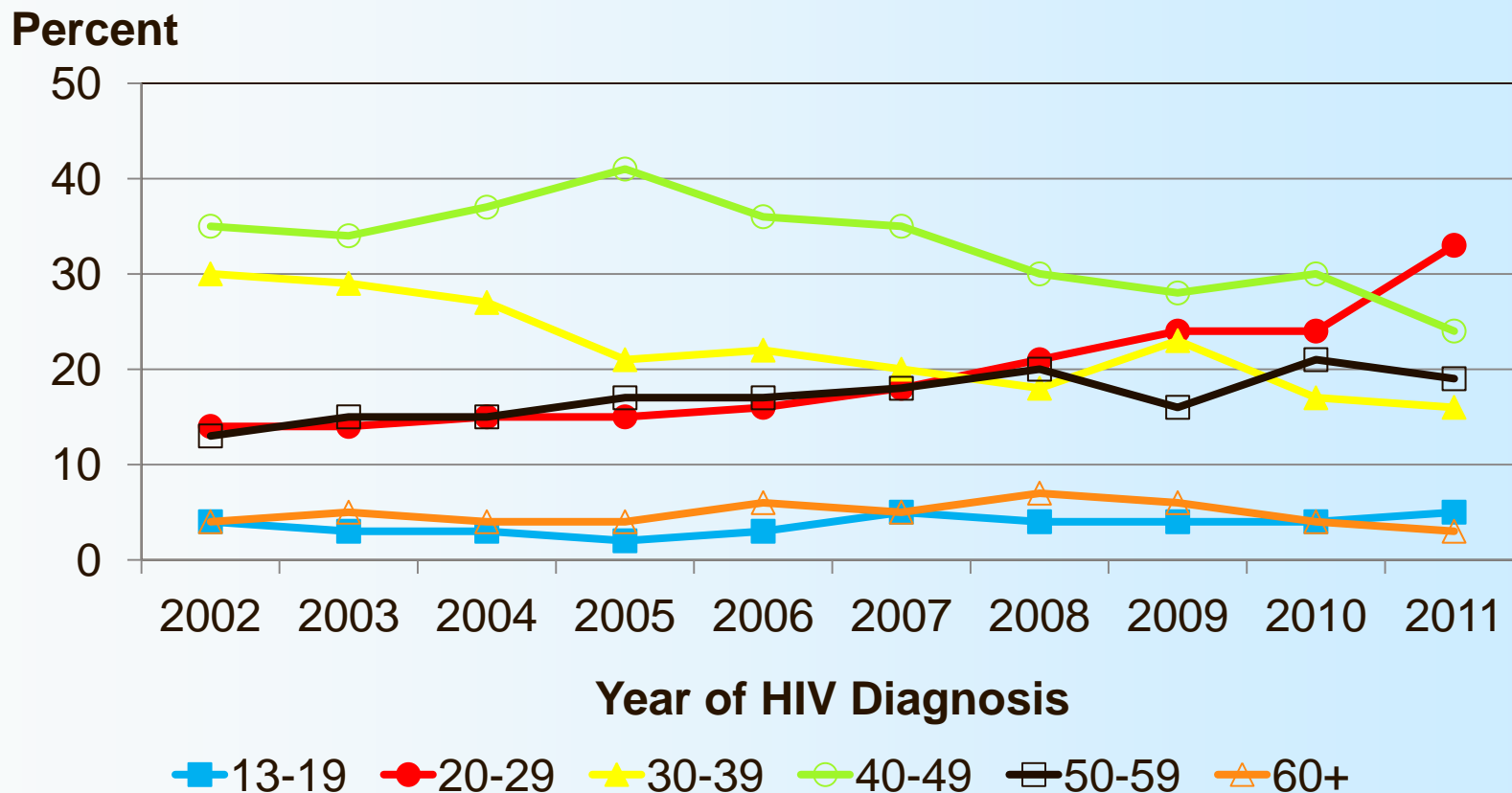


Reported Adult/Adolescent HIV Diagnosis Trends by Race/Ethnicity, Baltimore City



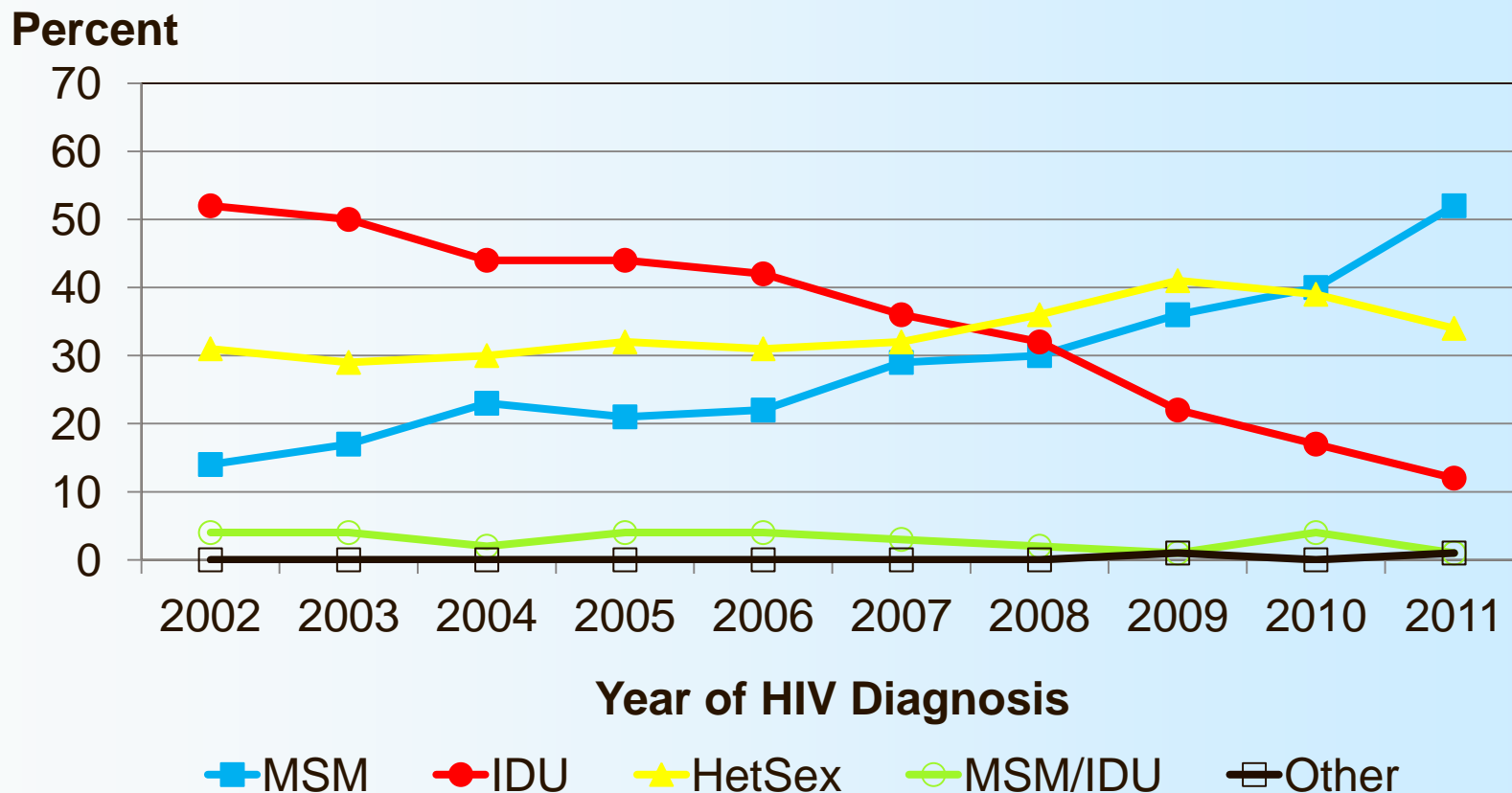
Using data as reported through 12/31/2012

Reported Adult/Adolescent HIV Diagnosis Trends by Age at Diagnosis, Baltimore City



Using data as reported through 12/31/2012

Reported Adult/Adolescent HIV Diagnoses, Exposure Category Trends, Baltimore City



Using data as reported through 12/31/2012



Prevention and Health Promotion Administration

<http://phpa.dhmmh.maryland.gov>